

Northstar Acquisitions LLC ("Assignee"), a Delaware limited liability company having a place of business at 2215-B Renaissance Drive, Suite 5, Las Vegas, NV 89119, states that it is the assignee of the entire right, title, and interest in and to the patent applications and/or patents identified in the Appendix ("the Patent Properties"). Assignee has attached, for the Patent Properties, the following documentary evidence of the chain of title and/or information specifying where documentary evidence of a chain of title from the original owner to the Assignee is recorded in the assignment records of the USPTO. See Appendix.

With respect to the Patent Properties and all provisionals, reissues, reexaminations, divisionals, continuations, continuations-in-part thereof (whether currently filed or not), the Assignee, pursuant to 37 C.F.R. §§ 1.36 and 3.71, hereby revokes all powers of attorney previously given and appoints

the practitioners associated with the Customer Number 35690

to act on Assignee's behalf before the United States Patent and Trademark Office. This appointment is effective only so long as these practitioners remain with the firm associated with the Customer Number listed above.

Pursuant to 37 C.F.R. § 3.71, the assignee hereby states that prosecution of the Patent Properties is to be conducted to the exclusion of the inventor(s).

The undersigned is a representative authorized to act on behalf of the assignee.

Assignee Northstar Acquisitions LLC

2215-B Renaissance Drive, Suite 5
Las Vegas, NV 89119

Dated: 14 007 2007

Name: Vulia Ceffalo

Title: Authorized Person

## **APPENDIX**

## **Issued Patents**

Patent Number	Tile	sted area	Recordation later metion
6987793	PREDICTIVE COLLISION AVOIDANCE IN MACRODIVERSE WIRELESS NETWORKS WITH FREQUENCY HOPPING USING SWITCHING	01/17/2006	Reel/Frame: 011971/0165 Assignors: DHAR, NAVEEN; UYEHARA, LANCE KAZUMI; GHOSHTAGORE, UJJAL KUMAR; KOEPF, GERHARD ALBERT; ZIAO, JINGQING Assignee: MDIVERSITY INC.
			Reel/Frame: 012598/0079 Assignor: N DIVERSITY, INC. Assignee: MOBILITY NETWORK SYSTEMS, INC.
			Reel/Frame: 013852/0011 Assignor: MOBILITY NETWORK SYSTEMS, INC. Assignee: PENTECH FINANCIAL SERVICES, INC.
			Reel/Frame: 014462/0589 Assignor: MOBILITY NETWORK SYSTEMS INC. Assignee: PENTECH FINANCIAL SERVICES, INC.
		-	Reel/Frame: 014484/0037 Assignor: PENTECH FINANCIAL SERVICES, INC. Assignee: NORTHSTAR ACQUISITIONS, LLC
6987793	PREDICTIVE COLLISION AVOIDANCE IN MACRODIVERSE WIRELESS NETWORKS WITH FREQUENCY HOPPING USING SWITCHING	01/17/2006	Reel/Frame: 011971/0165 Assignors: DHAR, NAVEEN; UYEHARA, LANCE KAZUMI; GHOSHTAGORE, UJJAL KUMAR; KOEPF, GERHARD ALBERT; ZIAO, JINGQING Assignee: MDIVERSITY INC. Reel/Frame: 012598/0079
			Assignor: N DIVERSITY, INC. Assignee: MOBILITY NETWORK SYSTEMS, INC.  Reel/Frame: 013852/0011 Assignor: MOBILITY NETWORK SYSTEMS, INC. Assignee: PENTECH FINANCIAL SERVICES, INC.

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			Reel/Frame: 014462/0589
			Assignor: MOBILITY NETWORK
			SYSTEMS INC.
			Assignee: PENTECH FINANCIAL
			SERVICES, INC.
			Reel/Frame: 014484/0037
			Assignor: PENTECH FINANCIAL
		1	SERVICES, INC.
			Assignee: NORTHSTAR
			ACQUISITIONS, LLC
7010015	VIRTUAL CELL MAPPING IN MACRODIVERSE	03/07/2006	Reel/Frame: 014455/0191
	WIRELESS NETWORKS WITH FREQUENCY		Assignor: MDIVERSITY INC.
	HOPPING		Assignee: MOBILITY NETWORK
			SYSTEMS INC.
			Reel/Frame: 012206/0380
			Assignors: HERVEY, MORRIS
		-	MARVIN, GHOSHGATORE, UJJAL
			KUMAR; SOMESEKHARA, ARCHANA
	*		Assignee: MDIVERSITY INC.
			1.2.1.2.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1
			Reel/Frame: 013852/0011
	*		Assignor: MOBILITY NETWORK
	· ·		SYSTEMS, INC.
			Assignee: PENTECH FINANCIAL
•			SERVICES, INC.
			DER VIOLO, IIVO.
			Reel/Frame: 014462/0589
			Assignor: MOBILITY NETWORK
			SYSTEMS INC.
			Assignee: PENTECH FINANCIAL
İ			SERVICES, INC.
	· ·		DERCTOSO, INC.
			Reel/Frame: 014484/0037
			Assignor: PENTECH FINANCIAL
			SERVICES, INC.
			Assignee: NORTHSTAR
			ACQUISITIONS, LLC
7020115	FAST MACRODIVERSITY SWITCHING WITH TIME	03/28/2006	Reel/Frame: 011900/0351
	MANAGEMENT IN WIRELESS NETWORKS	33,20,2000	Assignors: CHILLARIGA, GOPAL;
			DHARIA, BHUPAL KANAIYALAL;
			KOEPF, GERHARD ALBERT;
	*		UYEHARA, LANCE KAZUMI
			Assignee: MDIVERSITY INC.
	*		
			Reel/Frame: 012598/0079
			Assignor: N DIVERSITY, INC.
			Assignee: MOBILITY NETWORK
			SYSTEMS, INC.
			Reel/Frame: 013852/0011
			Assignor: MOBILITY NETWORK
			SYSTEMS, INC.
			Assignee: PENTECH FINANCIAL
			SERVICES, INC.
1			Reel/Frame: 014462/0589
			Assignor: MOBILITY NETWORK
			SYSTEMS INC.
			Assignee: PENTECH FINANCIAL

			SERVICES, INC.
		i	
			Reel/Frame: 014484/0037
			Assignor: PENTECH FINANCIAL SERVICES, INC.
			Assignee: NORTHSTAR
			ACQUISITIONS, LLC
7194017	VIRTUAL CELL MAPPING IN MACRODIVERSE	03/20/2007	Reel/Frame: 018863/0488
•	WIRELESS NETWORKS WITH FREQUENCY		Assignors: HERVEY, JR., MORRIS
	HOPPING		MARVIN; GHOSHTAGORE, UJAL
			KUMAR; SOMASEKHARA, ARCHANA
			Assignee: MDIVERSITY, INC.
			Reel/Frame: 018833/0093
	*		Assignor: MDIVERSITY, INC.
			Assignee: MOBILITY NETWORK SYSTEMS, INC.
			STOTEMO, INC.
	*		Reel/Frame: 018832/0560
			Assignor: MOBILITY NETWORK
			SYSTEMS, INC. Assignee: PENTECH FINANCIAL
			SERVICES, INC.
		-	
		-	Reel/Frame: 018832/0569
		·	Assignor: PENTECH FINANCIAL SERVICES, INC.
			Assignee: NORTHSTAR
			ACQUISITIONS, LLC
7212515	FAST MACRODIVERSITY SWITCHING WITH	05/01/2007	Reel/Frame: 011701/0944
-	INTERLEAVING IN WIRELESS NETWORKS		Assignors: DHARIA, BHUPAL
			KANAIYALAL; CHILLARIGA, GOPAL; UYEHARA, LANCE KAZUMI
·			Assignee: MDIVERSITY INC.
		,	
			Reel/Frame: 011976/0136
	,		Assignors: DHARIA, BHUPAL
	·		KANAIYALAL; CHILLARIGA, GOPA; UYEHARA, LANCE KAZUMI
			Assignee: MDIVERSITY INC.
*	·	a-	
=	·		Reel/Frame: 012598/0079
			Assignor: N DIVERSITY, INC. Assignee: MOBILITY NETWORK
			SYSTEMS, INC.
			Reel/Frame: 014462/0589 Recorded:
	¥		Assignor: MOBILITY NETWORK SYSTEMS INC.
			Assignee: PENTECH FINANCIAL
			SERVICES, INC.
			Bool/Fromo, 014494/0027
			Reel/Frame: 014484/0037 Assignor: PENTECH FINANCIAL
			SERVICES, INC.
			Assignee: NORTHSTAR
	<u> </u>		ACQUISITIONS, LLC

7177298	DYNAMIC CHANNEL ALLOCATION IN MULTIPLE-	02/13/2007	Reel/Frame: 011714/0192
	ACCESS COMMUNICATION SYSTEMS		Assignors: CHILLARIGA, GOPAL; KAUSHAL, ROHIT; DHARIA, BHUPAL KANAIYALAL; UYEHARA, LANCE
			KAZUMI; KOEPF, ALBERT GERHARD; RAACK, KEVIN DEAN;
			GHOSHTAGORE, UJJAL KUMAR Assignee: MDIVERSITY INC.
			Reel/Frame: 014455/0191 Assignor: MDIVERSITY INC. Assignee: MOBILITY NETWORK
			SYSTEMS INC.
			Reel/Frame: 012598/0079 Assignor: N DIVERSITY, INC.
			Assignee: MOBILITY NETWORK SYSTEMS, INC.
			Reel/Frame: 013852/0011 Assignor: MOBILITY NETWORK
			SYSTEMS, INC. Assignee: PENTECH FINANCIAL
	·	×	SERVICES, INC.
	·		Reel/Frame: 014462/0589
			Assignor: MOBILITY NETWORK SYSTEMS INC.
·			Assignee: PENTECH FINANCIAL SERVICES, INC.
		*	Reel/Frame: 014484/0037 Assignor: PENTECH FINANCIAL SERVICES, INC.
			Assignee: NORTHSTAR ACQUISITIONS, LLC
5715516	METHOD AND APPARATUS FOR WIRELESS COMMUNICATION EMPLOYING COLLECTOR	02/03/1998	Reel/Frame: 007776/0361 Assignors: HOWARD, DAVID
	ARRAYS		AMUNDSON; SMITH, BRUCE DENIS;
			COATES, KAREN EVELYN; VASTANO, JOHN ANDREW
			Assignee: CELLULAR TELECOM, LTD
			Reel/Frame: 007876/0715 Assignors: HOWARD, DAVID
			AMUNDSON; SMITH, BRUCE DENIS; COATES, KAREN EVELYN;
			VASTANO, JOHN ANDREW Assignee: CELLULAR TELECOM, LTD.
	;		Reel/Frame: 009214/0673
			Assignor: CELLULAR TELECOM LIMITED
			Assignee: SILICON WIRELESS LIMITED
			Reel/Frame: 009798/0292 Assignor: SILICON WIRELESS
		·	

		Assignee: 2M INVEST A/S,	AS AGENT
		Reel/Frame: 010144/0501	
		Assignor: SILICON WIREL	ESS
		LIMITED Assignee: SC-WIRELESS I	NC
		Assignee. SC-WIRELESS I	NC
		Reel/Frame: 010567/0677	
		Assignor: 2M INVEST A/S, (RELEASING PARTY)	AS AGENT
		Assignee: SC-WIRELESS, 1	INC.
		Reel/Frame: 010609/0745	A C A CIENTE
		Assignor: 2M INVEST A/S, (RELEASING PARTY)	AS AGENT
$\omega$		Assignee: SC-WIRELESS, I	
		DELAWARE CORPORATI	ON
		Reel/Frame: 011219/0145	
		Assignor: SC-WIRELESS II	
		CORPORATION OF DELA	
		Assignee: MDIVERSITY IN	<b>1</b> C.
		Reel/Frame: 012598/0079	
		Assignor: N DIVERSITY, I Assignee: MOBILITY NET	
	·	SYSTEMS, INC.	WORK
	*	Reel/Frame: 013852/0011 Assignor: MOBILITY NET	WORK
		SYSTEMS, INC.	WORK
		Assignee: PENTECH FINAL	NCIAL
5805576	METHOD AND APPARATUS FOR TDMA WIRELESS	SERVICES, INC. 09/08/1998 Reel/Frame: 008185/0435	
	COMMUNICATION EMPLOYING COLLECTOR	Assignors: WORLEY, WIL	LIAM
	ARRAYS FOR RANGE EXTENSION	SPENCER, III; HOWARD, I	
	. "	AMUNDSON; COATES, K. EVELYN; VASTANO, JOH	
		Assignee: CELLULAR TEL	
		Pool/France: 000014/0772	
		Reel/Frame: 009214/0673 Assignor: CELLULAR TEL	ECOM
	·	LIMITED	
		Assignee: SILICON WIREI LIMITED	LESS
	·	EliviriED	
		Reel/Frame: 009798/0292	F.G.C.
		Assignor: SILICON WIREL LIMITED	ESS
		Assignee: 2M INVEST A/S	, AS AGENT
		Reel/Frame: 010144/0501 Assignor: SILICON WIREL	LESS
	I and the second	LIMITED	
•			
		Assignee: SC-WIRELESS I	NC
	·	Assignee: SC-WIRELESS I	NC
		Assignee: SC-WIRELESS I Reel/Frame: 010567/0677 Assignor: 2M INVEST A/S,	
		Assignee: SC-WIRELESS I Reel/Frame: 010567/0677	AS AGENT

			Reel/Frame: 010609/0745
			Assignor: 2M INVEST A/S, AS AGENT
			(RELEASING PARTY)
	,		Assignee: SC-WIRELESS, INC., A
			DELAWARE CORPORATION
		·	Reel/Frame: 011219/0145
			Assignor: SC-WIRELESS INC., A
			CORPORATION OF DELAWARE
	· ·		Assignee: MDIVERSITY INC.
	7:		D 1/5
			Reel/Frame: 012598/0079
			Assignor: N DIVERSITY, INC. Assignee: MOBILITY NETWORK
			SYSTEMS, INC.
	·	·	STOTEMS, INC.
	· ·		Reel/Frame: 013852/0011
			Assignor: MOBILITY NETWORK
•			SYSTEMS, INC.
	×	*	Assignee: PENTECH FINANCIAL
			SERVICES, INC.
			Reel/Frame: 014462/0589
			Assignor: MOBILITY NETWORK
			SYSTEMS INC.
*		·	Assignee: PENTECH FINANCIAL
			SERVICES, INC.
			D col/Emmas, 014494/0027
			Reel/Frame: 014484/0037 Assignor: PENTECH FINANCIAL
		100	SERVICES, INC.
	(3)		
			Assignee: NORTHSTAR
6112058	METHOD AND APPARATUS FOR WIRELESS	08/29/2000	
6112058	COMMUNICATION EMPLOYING CONFIDENCE	08/29/2000	Assignee: NORTHSTAR ACQUISITIONS, LLC Reel/Frame: 008797/0824 Assignors: WALTERS, ANDREW JOHN;
6112058	COMMUNICATION EMPLOYING CONFIDENCE METRIC PROCESSING FOR BANDWIDTH	08/29/2000	Assignee: NORTHSTAR ACQUISITIONS, LLC Reel/Frame: 008797/0824 Assignors: WALTERS, ANDREW JOHN; WALLERIUS, JOHN WALKER;
6112058	COMMUNICATION EMPLOYING CONFIDENCE	08/29/2000	Assignee: NORTHSTAR ACQUISITIONS, LLC Reel/Frame: 008797/0824 Assignors: WALTERS, ANDREW JOHN; WALLERIUS, JOHN WALKER; VASTANO, JOHN ANDREW;
6112058	COMMUNICATION EMPLOYING CONFIDENCE METRIC PROCESSING FOR BANDWIDTH	08/29/2000	Assignee: NORTHSTAR ACQUISITIONS, LLC Reel/Frame: 008797/0824 Assignors: WALTERS, ANDREW JOHN; WALLERIUS, JOHN WALKER; VASTANO, JOHN ANDREW; UYEHARA, LANCE KAZUMI
6112058	COMMUNICATION EMPLOYING CONFIDENCE METRIC PROCESSING FOR BANDWIDTH	08/29/2000	Assignee: NORTHSTAR ACQUISITIONS, LLC Reel/Frame: 008797/0824 Assignors: WALTERS, ANDREW JOHN; WALLERIUS, JOHN WALKER; VASTANO, JOHN ANDREW;
6112058	COMMUNICATION EMPLOYING CONFIDENCE METRIC PROCESSING FOR BANDWIDTH	08/29/2000	Assignee: NORTHSTAR ACQUISITIONS, LLC Reel/Frame: 008797/0824 Assignors: WALTERS, ANDREW JOHN; WALLERIUS, JOHN WALKER; VASTANO, JOHN ANDREW; UYEHARA, LANCE KAZUMI Assignee: CELLULAR TELECOM, LTD.
6112058	COMMUNICATION EMPLOYING CONFIDENCE METRIC PROCESSING FOR BANDWIDTH	08/29/2000	Assignee: NORTHSTAR ACQUISITIONS, LLC Reel/Frame: 008797/0824 Assignors: WALTERS, ANDREW JOHN; WALLERIUS, JOHN WALKER; VASTANO, JOHN ANDREW; UYEHARA, LANCE KAZUMI
6112058	COMMUNICATION EMPLOYING CONFIDENCE METRIC PROCESSING FOR BANDWIDTH	08/29/2000	Assignee: NORTHSTAR ACQUISITIONS, LLC Reel/Frame: 008797/0824 Assignors: WALTERS, ANDREW JOHN; WALLERIUS, JOHN WALKER; VASTANO, JOHN ANDREW; UYEHARA, LANCE KAZUMI Assignee: CELLULAR TELECOM, LTD. Reel/Frame: 009214/0673 Assignor: CELLULAR TELECOM LIMITED
6112058	COMMUNICATION EMPLOYING CONFIDENCE METRIC PROCESSING FOR BANDWIDTH	08/29/2000	Assignee: NORTHSTAR ACQUISITIONS, LLC Reel/Frame: 008797/0824 Assignors: WALTERS, ANDREW JOHN; WALLERIUS, JOHN WALKER; VASTANO, JOHN ANDREW; UYEHARA, LANCE KAZUMI Assignee: CELLULAR TELECOM, LTD. Reel/Frame: 009214/0673 Assignor: CELLULAR TELECOM LIMITED Assignee: SILICON WIRELESS
6112058	COMMUNICATION EMPLOYING CONFIDENCE METRIC PROCESSING FOR BANDWIDTH	08/29/2000	Assignee: NORTHSTAR ACQUISITIONS, LLC Reel/Frame: 008797/0824 Assignors: WALTERS, ANDREW JOHN; WALLERIUS, JOHN WALKER; VASTANO, JOHN ANDREW; UYEHARA, LANCE KAZUMI Assignee: CELLULAR TELECOM, LTD. Reel/Frame: 009214/0673 Assignor: CELLULAR TELECOM LIMITED
6112058	COMMUNICATION EMPLOYING CONFIDENCE METRIC PROCESSING FOR BANDWIDTH	08/29/2000	Assignee: NORTHSTAR ACQUISITIONS, LLC Reel/Frame: 008797/0824 Assignors: WALTERS, ANDREW JOHN; WALLERIUS, JOHN WALKER; VASTANO, JOHN ANDREW; UYEHARA, LANCE KAZUMI Assignee: CELLULAR TELECOM, LTD. Reel/Frame: 009214/0673 Assignor: CELLULAR TELECOM LIMITED Assignee: SILICON WIRELESS LIMITED
6112058	COMMUNICATION EMPLOYING CONFIDENCE METRIC PROCESSING FOR BANDWIDTH	08/29/2000	Assignee: NORTHSTAR ACQUISITIONS, LLC Reel/Frame: 008797/0824 Assignors: WALTERS, ANDREW JOHN; WALLERIUS, JOHN WALKER; VASTANO, JOHN ANDREW; UYEHARA, LANCE KAZUMI Assignee: CELLULAR TELECOM, LTD. Reel/Frame: 009214/0673 Assignor: CELLULAR TELECOM LIMITED Assignee: SILICON WIRELESS LIMITED Reel/Frame: 009798/0292
6112058	COMMUNICATION EMPLOYING CONFIDENCE METRIC PROCESSING FOR BANDWIDTH	08/29/2000	Assignee: NORTHSTAR ACQUISITIONS, LLC Reel/Frame: 008797/0824 Assignors: WALTERS, ANDREW JOHN; WALLERIUS, JOHN WALKER; VASTANO, JOHN ANDREW; UYEHARA, LANCE KAZUMI Assignee: CELLULAR TELECOM, LTD. Reel/Frame: 009214/0673 Assignor: CELLULAR TELECOM LIMITED Assignee: SILICON WIRELESS LIMITED Reel/Frame: 009798/0292 Assignor: SILICON WIRELESS
6112058	COMMUNICATION EMPLOYING CONFIDENCE METRIC PROCESSING FOR BANDWIDTH	08/29/2000	Assignee: NORTHSTAR ACQUISITIONS, LLC Reel/Frame: 008797/0824 Assignors: WALTERS, ANDREW JOHN; WALLERIUS, JOHN WALKER; VASTANO, JOHN ANDREW; UYEHARA, LANCE KAZUMI Assignee: CELLULAR TELECOM, LTD. Reel/Frame: 009214/0673 Assignor: CELLULAR TELECOM LIMITED Assignee: SILICON WIRELESS LIMITED Reel/Frame: 009798/0292
6112058	COMMUNICATION EMPLOYING CONFIDENCE METRIC PROCESSING FOR BANDWIDTH	08/29/2000	Assignee: NORTHSTAR ACQUISITIONS, LLC Reel/Frame: 008797/0824 Assignors: WALTERS, ANDREW JOHN; WALLERIUS, JOHN WALKER; VASTANO, JOHN ANDREW; UYEHARA, LANCE KAZUMI Assignee: CELLULAR TELECOM, LTD. Reel/Frame: 009214/0673 Assignor: CELLULAR TELECOM LIMITED Assignee: SILICON WIRELESS LIMITED Reel/Frame: 009798/0292 Assignor: SILICON WIRELESS LIMITED Assignee: 2M INVEST A/S, AS AGENT
6112058	COMMUNICATION EMPLOYING CONFIDENCE METRIC PROCESSING FOR BANDWIDTH	08/29/2000	Assignee: NORTHSTAR ACQUISITIONS, LLC Reel/Frame: 008797/0824 Assignors: WALTERS, ANDREW JOHN; WALLERIUS, JOHN WALKER; VASTANO, JOHN ANDREW; UYEHARA, LANCE KAZUMI Assignee: CELLULAR TELECOM, LTD. Reel/Frame: 009214/0673 Assignor: CELLULAR TELECOM LIMITED Assignee: SILICON WIRELESS LIMITED Reel/Frame: 009798/0292 Assignor: SILICON WIRELESS LIMITED Assignee: 2M INVEST A/S, AS AGENT Reel/Frame: 010144/0501
6112058	COMMUNICATION EMPLOYING CONFIDENCE METRIC PROCESSING FOR BANDWIDTH	08/29/2000	Assignee: NORTHSTAR ACQUISITIONS, LLC Reel/Frame: 008797/0824 Assignors: WALTERS, ANDREW JOHN; WALLERIUS, JOHN WALKER; VASTANO, JOHN ANDREW; UYEHARA, LANCE KAZUMI Assignee: CELLULAR TELECOM, LTD. Reel/Frame: 009214/0673 Assignor: CELLULAR TELECOM LIMITED Assignee: SILICON WIRELESS LIMITED Reel/Frame: 009798/0292 Assignor: SILICON WIRELESS LIMITED Assignee: 2M INVEST A/S, AS AGENT Reel/Frame: 010144/0501 Assignor: SILICON WIRELESS
6112058	COMMUNICATION EMPLOYING CONFIDENCE METRIC PROCESSING FOR BANDWIDTH	08/29/2000	Assignee: NORTHSTAR ACQUISITIONS, LLC Reel/Frame: 008797/0824 Assignors: WALTERS, ANDREW JOHN; WALLERIUS, JOHN WALKER; VASTANO, JOHN ANDREW; UYEHARA, LANCE KAZUMI Assignee: CELLULAR TELECOM, LTD. Reel/Frame: 009214/0673 Assignor: CELLULAR TELECOM LIMITED Assignee: SILICON WIRELESS LIMITED Reel/Frame: 009798/0292 Assignor: SILICON WIRELESS LIMITED Assignee: 2M INVEST A/S, AS AGENT Reel/Frame: 010144/0501 Assignor: SILICON WIRELESS LIMITED
6112058	COMMUNICATION EMPLOYING CONFIDENCE METRIC PROCESSING FOR BANDWIDTH	08/29/2000	Assignee: NORTHSTAR ACQUISITIONS, LLC Reel/Frame: 008797/0824 Assignors: WALTERS, ANDREW JOHN; WALLERIUS, JOHN WALKER; VASTANO, JOHN ANDREW; UYEHARA, LANCE KAZUMI Assignee: CELLULAR TELECOM, LTD. Reel/Frame: 009214/0673 Assignor: CELLULAR TELECOM LIMITED Assignee: SILICON WIRELESS LIMITED Reel/Frame: 009798/0292 Assignor: SILICON WIRELESS LIMITED Assignee: 2M INVEST A/S, AS AGENT Reel/Frame: 010144/0501 Assignor: SILICON WIRELESS
6112058	COMMUNICATION EMPLOYING CONFIDENCE METRIC PROCESSING FOR BANDWIDTH	08/29/2000	Assignee: NORTHSTAR ACQUISITIONS, LLC Reel/Frame: 008797/0824 Assignors: WALTERS, ANDREW JOHN; WALLERIUS, JOHN WALKER; VASTANO, JOHN ANDREW; UYEHARA, LANCE KAZUMI Assignee: CELLULAR TELECOM, LTD. Reel/Frame: 009214/0673 Assignor: CELLULAR TELECOM LIMITED Assignee: SILICON WIRELESS LIMITED Reel/Frame: 009798/0292 Assignor: SILICON WIRELESS LIMITED Assignee: 2M INVEST A/S, AS AGENT Reel/Frame: 010144/0501 Assignor: SILICON WIRELESS LIMITED Assignee: SC-WIRELESS INC Reel/Frame: 010567/0677
6112058	COMMUNICATION EMPLOYING CONFIDENCE METRIC PROCESSING FOR BANDWIDTH	08/29/2000	Assignee: NORTHSTAR ACQUISITIONS, LLC Reel/Frame: 008797/0824 Assignors: WALTERS, ANDREW JOHN; WALLERIUS, JOHN WALKER; VASTANO, JOHN ANDREW; UYEHARA, LANCE KAZUMI Assignee: CELLULAR TELECOM, LTD. Reel/Frame: 009214/0673 Assignor: CELLULAR TELECOM LIMITED Assignee: SILICON WIRELESS LIMITED Reel/Frame: 009798/0292 Assignor: SILICON WIRELESS LIMITED Assignee: 2M INVEST A/S, AS AGENT Reel/Frame: 010144/0501 Assignor: SILICON WIRELESS LIMITED Assignor: SILICON WIRELESS LIMITED Assignee: 2M INVEST A/S, AS AGENT Reel/Frame: 010567/0677 Assignor: 2M INVEST A/S, AS AGENT
6112058	COMMUNICATION EMPLOYING CONFIDENCE METRIC PROCESSING FOR BANDWIDTH	08/29/2000	Assignee: NORTHSTAR ACQUISITIONS, LLC Reel/Frame: 008797/0824 Assignors: WALTERS, ANDREW JOHN; WALLERIUS, JOHN WALKER; VASTANO, JOHN ANDREW; UYEHARA, LANCE KAZUMI Assignee: CELLULAR TELECOM, LTD. Reel/Frame: 009214/0673 Assignor: CELLULAR TELECOM LIMITED Assignee: SILICON WIRELESS LIMITED Reel/Frame: 009798/0292 Assignor: SILICON WIRELESS LIMITED Assignee: 2M INVEST A/S, AS AGENT Reel/Frame: 010144/0501 Assignor: SILICON WIRELESS LIMITED Assignor: SILICON WIRELESS LIMITED Assignor: SILICON WIRELESS LIMITED Assignor: SILICON WIRELESS LIMITED Assignor: 2M INVEST A/S, AS AGENT Reel/Frame: 010567/0677 Assignor: 2M INVEST A/S, AS AGENT (RELEASING PARTY)
6112058	COMMUNICATION EMPLOYING CONFIDENCE METRIC PROCESSING FOR BANDWIDTH	08/29/2000	Assignee: NORTHSTAR ACQUISITIONS, LLC Reel/Frame: 008797/0824 Assignors: WALTERS, ANDREW JOHN; WALLERIUS, JOHN WALKER; VASTANO, JOHN ANDREW; UYEHARA, LANCE KAZUMI Assignee: CELLULAR TELECOM, LTD. Reel/Frame: 009214/0673 Assignor: CELLULAR TELECOM LIMITED Assignee: SILICON WIRELESS LIMITED Reel/Frame: 009798/0292 Assignor: SILICON WIRELESS LIMITED Assignee: 2M INVEST A/S, AS AGENT Reel/Frame: 010144/0501 Assignor: SILICON WIRELESS LIMITED Assignor: SILICON WIRELESS LIMITED Assignee: 2M INVEST A/S, AS AGENT Reel/Frame: 010567/0677 Assignor: 2M INVEST A/S, AS AGENT

	·		Reel/Frame: 010609/0745 Assignor: 2M INVEST A/S, AS AGENT (RELEASING PARTY) Assignee: SC-WIRELESS, INC., A DELAWARE CORPORATION  Reel/Frame: 011219/0145 Assignor: SC-WIRELESS INC., A CORPORATION OF DELAWARE Assignee: MDIVERSITY INC.
			Reel/Frame: 012598/0079 Assignor: N DIVERSITY, INC. Assignee: MOBILITY NETWORK SYSTEMS, INC.
			Reel/Frame: 013852/0011 Assignor: MOBILITY NETWORK SYSTEMS, INC. Assignee: PENTECH FINANCIAL SERVICES, INC.
			Reel/Frame: 014462/0589 Assignor: MOBILITY NETWORK SYSTEMS INC. Assignee: PENTECH FINANCIAL SERVICES, INC. 310 W. HAMILTON AVE,
			Reel/Frame: 014484/0037 Assignor: PENTECH FINANCIAL SERVICES, INC. Assignee: NORTHSTAR ACQUISITIONS, LLC
6131034	METHOD AND APPARATUS FOR COLLECTOR ARRAYS IN WIRELESS COMMUNICATIONS SYSTEMS	10/10/2000	Reel/Frame: 009214/0673 Assignor: CELLULAR TELECOM LIMITED Assignee: SILICON WIRELESS LIMITED
			Reel/Frame: 009554/0514 Assignors: MCLAUGHLIN, MICHAEL DAVID; RAACK, KEVIN DEAN; WALLERIUS, JOHN WALKER; SMITH, BRUCE DENIS; COATES, KAREN EVELYN; VASTANO, JOHN ANDREW; HOWARD, DAVID AMUNDSON Assignee: SILICON WIRELESS LIMITED
			Reel/Frame: 009798/0292 Assignor: SILICON WIRELESS LIMITED Assignee: 2M INVEST A/S, AS AGENT Reel/Frame: 010144/0501
			Assigner: SILICON WIRELESS LIMITED Assignee: SC-WIRELESS INC

			Reel/Frame: 010567/0677
		-	Assignor: 2M INVEST A/S, AS AGENT
			(RELEASING PARTY)
			Assignee: SC-WIRELESS, INC.
			Reel/Frame: 010609/0745
			Assignor: 2M INVEST A/S, AS AGENT
	·		(RELEASING PARTY)
	0		Assignee: SC-WIRELESS, INC., A
	·		DELAWARE CORPORATION
			Reel/Frame: 011219/0145
			Assignor: SC-WIRELESS INC., A
			CORPORATION OF DELAWARE
			Assignee: MDIVERSITY INC.
1			Assignee. WDIVERSITTING.
,			Reel/Frame: 012598/0079
			Assignor: N DIVERSITY, INC.
	,		Assignee: MOBILITY NETWORK
•			SYSTEMS, INC.
		* *	Reel/Frame: 013852/0011
			Assignor: MOBILITY NETWORK
			SYSTEMS, INC.
			Assignee: PENTECH FINANCIAL
		•	SERVICES, INC.
}			Reel/Frame: 014462/0589
			Assignor: MOBILITY NETWORK
			SYSTEMS INC.
	*		Assignee: PENTECH FINANCIAL
			SERVICES, INC.
			Reel/Frame: 014484/0037
			Assignor: PENTECH FINANCIAL
			SERVICES, INC.
			Assignee: NORTHSTAR
	*		ACQUISITIONS, LLC
6137784	METHOD AND APPARATUS FOR WIRELESS	10/24/2000	Reel/Frame: 009214/0673
	COMMUNICATION EMPLOYING CONTROL FOR		Assignor: CELLULAR TELECOM
1	CONFIDENCE METRIC BANDWIDTH REDUCTION		LIMITED
			Assignee: SILICON WIRELESS
			LIMITED
			  Reel/Frame: 009222/0842
1			Assignors: WALLERIUS, JOHN
			WALKER; WALTERS, ANDREW
1			JOHN; VASTANO, JOHN ANDREW
			Assignee: SILICON WIRELESS
			LIMITED
			Reel/Frame: 009798/0292
			Assignor: SILICON WIRELESS
			LIMITED
			Assignee: 2M INVEST A/S, AS AGENT
			Pool/Eromo, 010144/0501
1			Reel/Frame: 010144/0501 Assignor: SILICON WIRELESS
			LIMITED
	·		Assignee: SC-WIRELESS INC
1		1	

Reel/Frame: 010567/0677	
Assignor: 2M INVEST A/S, A	S AGENT
(RELEASING PARTY)	
Assignee: SC-WIRELESS, INC	C.
Reel/Frame: 010609/0745	
Assignor: 2M INVEST A/S, A	CACENT
(RELEASING PARTY)	AGENT
Assignee: SC-WIRELESS, INC	- 🛦
DELAWARE CORPORATION	
Reel/Frame: 011219/0145	ľ
Assignor: SC-WIRELESS INC	
CORPORATION OF DELAW.	
Assignee: MDIVERSITY INC	
Reel/Frame: 012598/0079	
Assignor: N DIVERSITY, INC	
Assignee: MOBILITY NETWO	
SYSTEMS, INC.	
Reel/Frame: 013852/0011	
Assignor: MOBILITY NETWO	ORK
SYSTEMS, INC.	
Assignee: PENTECH FINANC	CIAL
SERVICES, INC.	
Reel/Frame: 014462/0589	
Assignor: MOBILITY NETWO	RK
SYSTEMS INC.	
Assignee: PENTECH FINANC	CIAL
SERVICES, INC.	
D 1/5 014104/000	
Reel/Frame: 014484/0037	
Assignor: PENTECH FINANC SERVICES, INC.	IAL
Assignee: NORTHSTAR	ŀ
ACQUISITIONS, LLC	
6192038 METHOD AND APPARATUS FOR WIRELESS 02/20/2001 Reel/Frame: 008645/0043	
COMMUNICATION EMPLOYING AGGREGATION Assignors: WALLERIUS, JOH	N .
FOR DIGITAL SIGNALS WALKER; WALTERS, AND	
JOHN;VASTANO, JOHN ANI	DREW
Assignee: CELLULAR TELEC	COM, LTD.
D-01/France: 000014/0573	ľ
Reel/Frame: 009214/0673 Assignor: CELLULAR TELEC	L <sub>OM</sub>
Assignor: Cellular Telev	OWI .
Assignee: SILICON WIRELES	$_{\rm ss}$
LIMITED	~
Reel/Frame: 009798/0292	
Assignor: SILICON WIRELES	SS
LIMITED Assigned: 2M INIVEST A/S A	C A CENT
Assignee: 2M INVEST A/S, A	S AUENI
Reel/Frame: 010144/0501	
Assignor: SILICON WIRELES	ss
LIMITED	
Assignee: SC-WIRELESS INC	
Reel/Frame: 010567/0677	

*			
			Assignor: 2M INVEST A/S, AS AGENT (RELEASING PARTY)
			Assignee: SC-WIRELESS, INC.
		·	Reel/Frame: 010609/0745 Assignor: 2M INVEST A/S, AS AGENT (RELEASING PARTY) Assignee: SC-WIRELESS, INC., A
	·		DELAWARE CORPORATION
	=		Reel/Frame: 011219/0145 Assignor: SC-WIRELESS INC., A CORPORATION OF DELAWARE Assignee: MDIVERSITY INC.
			Reel/Frame: 012598/0079 Assignor: N DIVERSITY, INC. Assignee: MOBILITY NETWORK SYSTEMS, INC.
			Reel/Frame: 013852/0011 Assignor: MOBILITY NETWORK SYSTEMS, INC. Assignee: PENTECH FINANCIAL SERVICES, INC.
			Reel/Frame: 014462/0589 Assignor: MOBILITY NETWORK SYSTEMS INC. Assignee: PENTECH FINANCIAL
			SERVICES, INC.
			Reel/Frame: 014484/0037 Assignor: PENTECH FINANCIAL SERVICES, INC.
	,		Assignee: NORTHSTAR ACQUISITIONS, LLC
6212387	METHOD AND APPARATUS FOR COLLECTOR	04/03/2001	Reel/Frame: 009214/0673
	ARRAYS OF DIRECTIONAL ANTENNAS CO- LOCATED WITH ZONE MANAGERS IN WIRELESS COMMUNICATIONS SYSTEMS	4	Assignor: CELLULAR TELECOM LIMITED Assignee: SILICON WIRELESS
			LIMITED
		*	Reel/Frame: 009554/0094 Assignors: MCLAUGHLIN, MICHAEL DAVID; RAACK, KEVIN DEAN; WALLERIUS, JOHN WALKER; SMITH, BRUCE DENIS; COATES, KAREN EVELYN; VASTANO, JOHN ANDREW;
			HOWARD, DAVID AMUNDSON Assignee: SILICON WIRELESS LIMITED
			Reel/Frame: 009798/0292 Assignor: SILICON WIRELESS LIMITED Assignee: 2M INVEST A/S, AS AGENT
			Reel/Frame: 010567/0677 Assignor: 2M INVEST A/S, AS AGENT (RELEASING PARTY)

			Assignee: SC-WIRELESS, INC.
	*		Reel/Frame: 010609/0745
			Assignor: 2M INVEST A/S, AS AGENT
			(RELEASING PARTY)
			Assignee: SC-WIRELESS, INC., A
			DELAWARE CORPORATION
			Reel/Frame: 011219/0145
			Assignor: SC-WIRELESS INC., A
	•		CORPORATION OF DELAWARE
			Assignee: MDIVERSITY INC.
			Reel/Frame: 012598/0079
			Assignor: N DIVERSITY, INC.
			Assignee: MOBILITY NETWORK
			SYSTEMS, INC.
			150 CHARCOT AVE.
			SAN JOSE, CALIFORNIA 95131
	·		Reel/Frame: 013852/0011
			Assignor: MOBILITY NETWORK
			SYSTEMS, INC.
			Assignee: PENTECH FINANCIAL SERVICES, INC.
			SERVICES, INC.
			Reel/Frame: 014462/0589
	·	-	Assignor: MOBILITY NETWORK
			SYSTEMS INC. Assignee: PENTECH FINANCIAL
			SERVICES, INC.
			Reel/Frame: 014484/0037
			Assignor: PENTECH FINANCIAL SERVICES, INC.
			Assignee: NORTHSTAR
			ACQUISITIONS, LLC
6349094	METHOD AND APPARATUS FOR WIRELESS	02/19/2002	Reel/Frame: 011889/0840
	COMMUNICATIONS EMPLOYING CONTROL FOR BROADCAST TRANSMISSION		Assignor: SC-WIRELESS INC.
	DROADCAST TRANSIVISSION		Assignee: MDIVERSITY INC.
		. V	Reel/Frame: 011889/0835
			Assignors: VASTANO, JOHN
			ANDREW; UYEHARA, LANCE
		1	KAZUMI; GHOSHTAGORE, UJJAL KUMAR
			Assignee: SC-WIRELESS INC.
		1	Reel/Frame: 012598/0079
			Assignor: N DIVERSITY, INC. Assignee: MOBILITY NETWORK
			SYSTEMS, INC.
	·		Reel/Frame: 013852/0011
			Assignor: MOBILITY NETWORK SYSTEMS, INC.
			Assignee: PENTECH FINANCIAL
			SERVICES, INC.
			B1/Frames 014462/0522
		1	Reel/Frame: 014462/0589 Assignor: MOBILITY NETWORK
		L	Masignor MODILITI NETWORK

	<b>Y</b> • • • • • • • • • • • • • • • • • • •	·,	
			SYSTEMS INC.
			Assignee: PENTECH FINANCIAL SERVICES, INC.
			Reel/Frame: 014484/0037 Assignor: PENTECH FINANCIAL
*			SERVICES, INC. Assignee: NORTHSTAR ACQUISITIONS, LLC
6041232	AGGREGATION OF SHAPED DIRECTIONAL	03/21/2000	Reel/Frame: 009214/0673
0011222	RECEIVING ANTENNA ARRAY FOR IMPROVED LOCATION INFORMATION	03/21/2000	Assignor: CELLULAR TELECOM LIMITED
			Assignee: SILICON WIRELESS LIMITED
, ,			Reel/Frame: 009504/0853
		2-	Assignor: JENNINGS, EARLE WILLIS,
			Assignee: SILICON WIRELESS LIMITED
-	* (0		D1/F 000514/0053
			Reel/Frame: 009514/0853 Assignor: JENNINGS, III, EARLE WILLIS
			Assignee: SILICON WIRELESS LIMITED
			D 1/17
			Reel/Frame: 009798/0292 Assignor: SILICON WIRELESS LIMITED
	·		Assignee: 2M INVEST A/S, AS AGENT
			Reel/Frame: 010144/0501
	5.		Assignor: SILICON WIRELESS LIMITED Assignee: SC-WIRELESS INC
/ ,			D1/F 0105/7/0/77
		4	Reel/Frame: 010567/0677 Assignor: 2M INVEST A/S, AS AGENT (RELEASING PARTY)
			Assignee: SC-WIRELESS, INC.
		·	Reel/Frame: 010609/0745 Assignor: 2M INVEST A/S, AS AGENT
*			(RELEASING PARTY) Assignee: SC-WIRELESS, INC., A
			DELAWARE CORPORATION
			Reel/Frame: 011219/0145
-			Assignor: SC-WIRELESS INC., A CORPORATION OF DELAWARE Assignee: MDIVERSITY INC.
			Reel/Frame: 014455/0191 Assignor: MDIVERSITY INC. Assignee: MOBILITY NETWORK SYSTEMS INC.
			Reel/Frame: 013852/0011 Assignor: MOBILITY NETWORK SYSTEMS, INC.

			Assignee: PENTECH FINANCIAL
	,		SERVICES, INC.
			Dest/Engage 014462/0590
			Reel/Frame: 014462/0589 Assignor: MOBILITY NETWORK
			SYSTEMS INC.
			Assignee: PENTECH FINANCIAL
		•	SERVICES, INC.
			Reel/Frame: 014484/0037
			Assignor: PENTECH FINANCIAL SERVICES, INC.
,			Assignee: NORTHSTAR
			ACQUISITIONS, LLC
6108385	METHOD AND APPARATUS FOR REDUCING	08/22/2000	Reel/Frame: 008155/0379
•	INTERMODULATION DISTORTION IN DIGITAL		Assignor: WORLEY, WILLIAM
	WIDEBAND TRANSMISSION SYSTEMS		SPENCER III
			Assignee: CELLULAR TELECOM, LTD.
	·		Reel/Frame: 009214/0673
	}		Assignor: CELLULAR TELECOM
		· ·	LIMITED
			Assignee: SILICON WIRELESS
		•	LIMITED
			Reel/Frame: 009798/0292
	·		Assignor: SILICON WIRELESS
		*	LIMITED
			Assignee: 2M INVEST A/S, AS AGENT
·			Reel/Frame: 010144/0501
			Assignor: SILICON WIRELESS
			LIMITED
			Assignee: SC-WIRELESS INC
			Reel/Frame: 010567/0677
			Assignor: 2M INVEST A/S, AS AGENT (RELEASING PARTY)
			Assignee: SC-WIRELESS, INC.
	3	,	
			Reel/Frame: 010609/0745
			Assignor: 2M INVEST A/S, AS AGENT
			(RELEASING PARTY) Assignee: SC-WIRELESS, INC., A
			DELAWARE CORPORATION
			Reel/Frame: 011219/0145
			Assignor: SC-WIRELESS INC., A CORPORATION OF DELAWARE
1			Assignee: MDIVERSITY INC.
1.			
			Reel/Frame: 012598/0079
			Assignor: N DIVERSITY, INC.
	· ·		Assignee: MOBILITY NETWORK
			SYSTEMS, INC.
			Reel/Frame: 013852/0011
			Assignor: MOBILITY NETWORK
			SYSTEMS, INC.
			Assignee: PENTECH FINANCIAL SERVICES, INC.
	<u> </u>		DER FICES, INC.

			Reel/Frame: 014462/0589 Assignor: MOBILITY NETWORK SYSTEMS INC. Assignee: PENTECH FINANCIAL SERVICES, INC.
			Reel/Frame: 014484/0037 Assignor: PENTECH FINANCIAL SERVICES, INC. Assignee: NORTHSTAR ACQUISITIONS, LLC
6173191	IMPROVED LOCALIZATION OF SHAPED DIRECTIONAL TRANSMITTING AND TRASMITTING/RECEIVING ANTENNA ARRAY	01/09/2001	Reel/Frame: 009214/0673 Assignor: CELLULAR TELECOM LIMITED Assignee: SILICON WIRELESS
			LIMITED
			Reel/Frame: 009504/0816 Assignor: JENNINGS, EARLE WILLIS
			III Assignee: SILICON WIRELESS LIMITED
			Reel/Frame: 009798/0292 Assignor: SILICON WIRELESS LIMITED Assignee: 2M INVEST A/S, AS AGENT
	-	,	Reel/Frame: 010144/0501 Assignor: SILICON WIRELESS
			LIMITED Assignee: SC-WIRELESS INC
			Reel/Frame: 010567/0677 Assignor: 2M INVEST A/S, AS AGENT (RELEASING PARTY) Assignee: SC-WIRELESS, INC.
			Reel/Frame: 010609/0745 Assignor: 2M INVEST A/S, AS AGENT
			(RELEASING PARTY) Assignee: SC-WIRELESS, INC., A DELAWARE CORPORATION
			Reel/Frame: 011219/0145 Assignor: SC-WIRELESS INC., A CORPORATION OF DELAWARE Assignee: MDIVERSITY INC.
	÷		Reel/Frame: 012598/0079 Assignor: N DIVERSITY, INC. Assignee: MOBILITY NETWORK SYSTEMS, INC.
			Reel/Frame: 013852/0011 Assignor: MOBILITY NETWORK SYSTEMS, INC.
			Assignee: PENTECH FINANCIAL SERVICES, INC.

	Reel/Frame: 014462/0589 Assignor: MOBILITY NETWORK SYSTEMS INC. Assignee: PENTECH FINANCIAL SERVICES, INC.
	Reel/Frame: 014484/0037 Assignor: PENTECH FINANCIAL SERVICES, INC. Assignee: NORTHSTAR ACQUISITIONS, LLC

# Applications

Application Rimber	Title	. Filling Date	Resordeffon Informetika
09/836752	FAST MACRODIVERSITY SWITCHING WITH INTERLEAVING IN WIRELESS NETWORKS	04/17/2001	Reel/Frame: 011701/0944  DOCUMENT FOR DETAILS).  Assignors: DHARIA, BHUPAL  KANAIYALAL; CHILLARIGA,  GOPAL;UYEHARA, LANCE  KAZUMI
			Assignee: MDIVERSITY INC.  Reel/Frame: 011976/0136
			Assignors: DHARIA, BHUPAL KANAIYALAL; CHILLARIGA, GOPAL; UYEHARA, LANCE KAZUMI Assignee: MDIVERSITY INC.
			Reel/Frame: 012598/0079 Assignor: N DIVERSITY, INC. Assignee: MOBILITY NETWORK
			SYSTEMS, INC.  Reel/Frame: 014462/0589  Assignor: MOBILITY NETWORK SYSTEMS INC.
			Assignee: PENTECH FINANCIAL SERVICES, INC.  Reel/Frame: 014484/0037
			Assignor: PENTECH FINANCIAL SERVICES, INC. Assignee: NORTHSTAR ACQUISITIONS, LLC
09/879,603	FAST MACRODIVERSITY SWITCHING WITH TIME MANAGEMENT IN WIRELESS NETWORKS	06/12/2001	Reel/Frame: 011900/0351 Assignors: CHILLARIGA, GOPAL; DHARIA, BHUPAL KANAIYALAL; KOEPF, GERHARD ALBERT;

			UYEHARA, LANCE KAZUMI
			Assignee: MDIVERSITY INC.
			Reel/Frame: 012598/0079
	*		Assignor: N DIVERSITY, INC.
	:		Assignee: MOBILITY NETWORK
			SYSTEMS, INC.
			Reel/Frame: 013852/0011
			Assignor: MOBILITY NETWORK
			SYSTEMS, INC.
	÷ à		Assignee: PENTECH FINANCIAL
	, ·		SERVICES, INC.
		:	Reel/Frame: 014462/0589
	· ·		Assignor: MOBILITY NETWORK
!	÷		SYSTEMS INC. Assignee: PENTECH FINANCIAL
			SERVICES, INC.
	· ·		55.11050, 1110.
ľ			Reel/Frame: 014484/0037
	*		Assignor: PENTECH FINANCIAL
*	*		SERVICES, INC.
			Assignee: NORTHSTAR
11/505500			ACQUISITIONS, LLC
11/507789	Dynamic channel allocation in multiple-access	08/21/2006	Reel/Frame: 018222/0672
	communication systems		Assignors: CHILLARGIA, GOPAL;
	·		KAUSHAL, ROHIT; DHARIA, BHUPAL; GHOSHTAGORE, UJJAL;
	•		UYEHARA, LANCE; KOEPF,
			GERHARD; RAACK, KEVIN
			Assignee: MDIVERSITY INC.
			Reel/Frame: 018222/0364
	4		Assignor: MDIVERSITY INC.
			Assignee: MOBILITY NETWORK SYSTEMS INC.
		1	STSTEMS INC.
			Reel/Frame: 018211/0410
	i.		Assignor: MOBILITY NETWORK
			SYSTEMS, INC.
			Assignee: PENTECH FINANCIAL
			SERVICES INC.
			Reel/Frame: 018222/0226
			Assignor: PENTECH FINANCIAL
			SERVICES, INC.
			Assignee: NORTHSTAR
			ACQUISITIONS LLC
			Reel/Frame: 018422/0764
			Assignors: WARNER, ROBERT
			WINTERS, JACK
			Assignee: EIGENT TECHNOLOGIES LLC
09/750592	System for fast macrodiversity switching in mobile wireless	12/28/2000	Reel/Frame: 011703/0273
	networks	20,20,2000	Assignors: DHARIA, BHUPAL
i		1	
-			KANAIYALAL; CHILLARIGA, GOPAL;
,			GHOSHTAGORE, UJJAL KUMAR;

·	KAZUMI Assignee: MDIVERSITY INC.
	Reel/Frame: 012598/0079 Assignor: N DIVERSITY, INC. Assignee: MOBILITY NETWORK SYSTEMS, INC.
	Reel/Frame: 013852/0011 Assignor: MOBILITY NETWORK SYSTEMS, INC. Assignee: PENTECH FINANCIAL SERVICES, INC.
	Reel/Frame: 014462/0589 Assignor: MOBILITY NETWORK SYSTEMS INC.
	Assignee: PENTECH FINANCIAL SERVICES, INC.
	Reel/Frame: 014484/0037 Assignor: PENTECH FINANCIAL SERVICES, INC.
	Assignee: NORTHSTAR ACQUISITIONS, LLC



#### **United States Patent and Trademark Office**





### Assignments on the Web > Patent Query

# **Patent Assignment Abstract of Title**

NOTE: Results display only for issued patents and published applications. For pending or abandoned applications please consult USPTO staff.

**Total Assignments: 5** 

Patent #: 7020115

Issue Dt: 03/28/2006

Application #: 09879603

Filing Dt: 06/12/2001

Publication #: 20020122406

Pub Dt: 09/05/2002

Inventors: Gopal Chillariga, Bhupal Kanaiyalal Dharia, Gerhard Albert Koepf et al

Title: FAST MACRODIVERSITY SWITCHING WITH TIME MANAGEMENT IN WIRELESS NETWORKS

Assignment: 1

Reel/Frame: 011900/0351

Recorded: 06/12/2001

Pages: 6

Conveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Assignors: CHILLARIGA, GOPAL

DHARIA, BHUPAL KANAIYALAL KOEPF, GERHARD ALBERT

Exec Dt: 05/31/2001

Exec Dt: 05/30/2001 Exec Dt: 05/31/2001

Exec Dt: 06/06/2001

Exec Dt: 09/17/2001

Exec Dt: 01/31/2003

UYEHARA, LANCE KAZUMI

Assignee: MDIVERSITY INC.

150 CHARCOT AVENUE

SAN JOSE, CALIFORNIA 95131

Correspondent: DAVE E. LOVEJOY

4 EMBARCADERO CTR., SUITE 400 SAN FRANCISCO, CA 94111-4156

Assignment: 2

Reel/Frame: 012598/0079

Conveyance: CHANGE OF NAME (SEE DOCUMENT FOR DETAILS).

Assignor: N DIVERSITY, INC.

Assignee: MOBILITY NETWORK SYSTEMS, INC.

150 CHARCOT AVE.

SAN JOSE, CALIFORNIA 95131

Correspondent: MOBILITY NETWORK SYSTEMS INC.

JUDY LINDO

150 CHARCOT AVE.

**SAN JOSE, CA 95131** 

Assignment: 3

Reel/Frame: 013852/0011

Recorded: 03/17/2003

Pages: 8

Conveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Assignor: MOBILITY NETWORK SYSTEMS, INC.

Assignee: PENTECH FINANCIAL SERVICES, INC. 310 W. HAMILTON AVE., #202

ATTN: DAPHNE WELLS

CAMPBELL, CALIFORNIA 95008

Correspondent: GENERAL COUNSEL

DAPHNE WELLS

310 W. HAMILTON AVE. #202

CAMPBELL, CA 95006

Assignment: 4

Reel/Frame: 014462/0589

Recorded: 09/08/2003

Pages: 3

Conveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Assignor: MOBILITY NETWORK SYSTEMS INC.

Exec Dt: 06/24/2003

Assignee: PENTECH FINANCIAL SERVICES, INC.

310 W. HAMILTON AVE,

SUITE 202

**CAMPBELL, CALIFORNIA 95008** 

Correspondent: RYDER IP LAW, PC

DOUGLAS J. RYDER 3669 CONCORD ROAD DOYLESTOWN, PA 18901

Assignment: 5

Reel/Frame: 014484/0037

Recorded: 09/12/2003

Pages: 4

Conveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Assignor: PENTECH FINANCIAL SERVICES, INC.

Exec Dt: 07/22/2003

Assignee: NORTHSTAR ACQUISITIONS, LLC

280 VALLEY STREET

LOS ALTOS, CALIFORNIA 94022

Correspondent: RYDER IP LAW, PC

DOUGLAS J. RYDER 3669 CONCORD ROAD DOYLESTOWN, PA 18901

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